



JON M. HUNTSMAN, JR.  
Governor

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Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

### Division of Oil, Gas & Mining

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

### Inspection Report

#### Minerals Regulatory Program

Report Date: August 25, 2005

Supervisor ARH

**Mine Name:** Red Emerald Mine  
**Operator Name:** Gemstone Mining Inc.  
Dominique Merz  
599 N 800 W #6  
Cedar City, Utah 84720  
**Inspector(s):** Tom Munson  
**Other Participants:** none  
**Mine Status:** reclaimed

**Permit number:** M/001/045  
**Inspection Date:** 6/30/2005  
**Time:** 7:00 – 9:00 p.m.

**Weather:** Sunny

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Purpose of Inspection:** To check the site for full release as requested by the operator.

#### Inspection Summary:

The Division and the Bureau of Land Management preformed inspections of the mine site in 2005 and determined that the revegetation success found during these inspections allows us to release the site and close the file. Earthwork and the first seeding was completed in late 2001. A partial release of reclamation surety occurred at this time related to the completion of the regarding. The remaining surety of \$9,200 was held to verify revegetation success. This surety is in the form of a TDRA-Bank One #880067493931 which expires on 04/14/2008. Drought conditions resulted in some additional seeding being preformed in early 2003. A site inspection revealed an abundance of Penstamon, Rice Grass, Crested Wheat Grass, and Four Wing Salt Brush. Severe rainfall events have occurred and the earthwork remains stable.

#### Conclusions and Recommendations:

It is the opinion of the Bureau of Land management as addressed in a letter sent to the Division by Mr. Ed Ginouves on August 15, 2005, that the revegetation had progressed to a point were the site

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can be released. The State requests that the reseeding money left for the site be released which amounts to \$9,200. The State supports this conclusion and recommendation based on this inspection

Inspector's Signature



Date: August 25, 2005

**Directions to Site:**

*The site is located in the Southern end of the Wah Wah Mountains about 17 miles northwest of Lund, Utah. The area has been mined since the late 1970's for red beryl.*

TM:jb

cc: Dominique Merz, GMI, Inc.  
Jerry Mansfield, BLM, Fillmore FO  
Attachment: Photos